



# TCS Configuration Dependant Sea Based HWCI



# TCS Sea Based HWCI SSDD Requirement to EB Allocation

## REQUIREMENTS MATRIX SUMMARY

36 Total Requirements

HWCI Requirements to EB Allocation

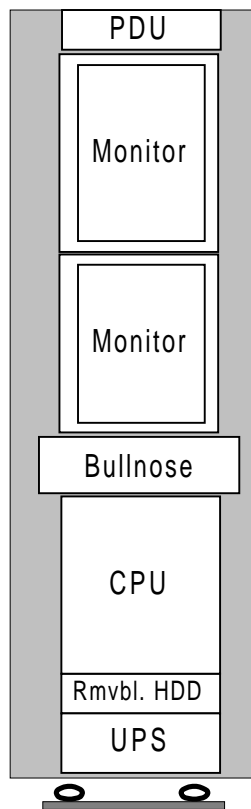
58 With EB3

76 With EB5

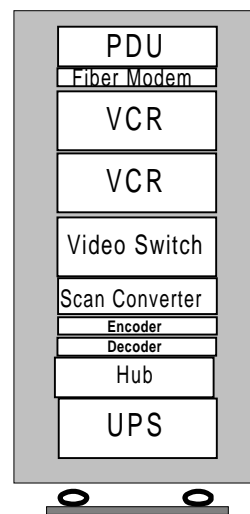


# TCS Sea Based Level 1

Console #1



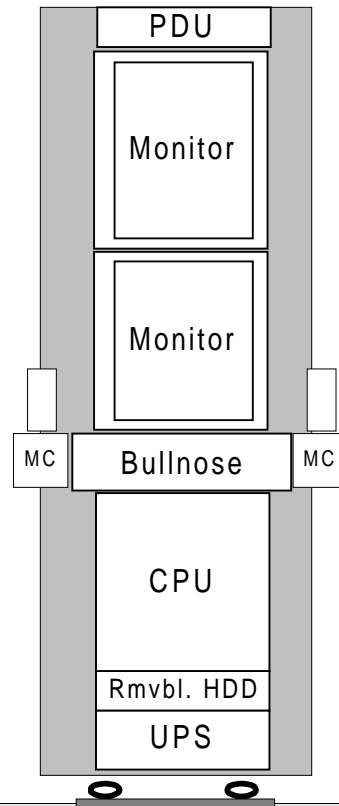
Auxiliary Rack



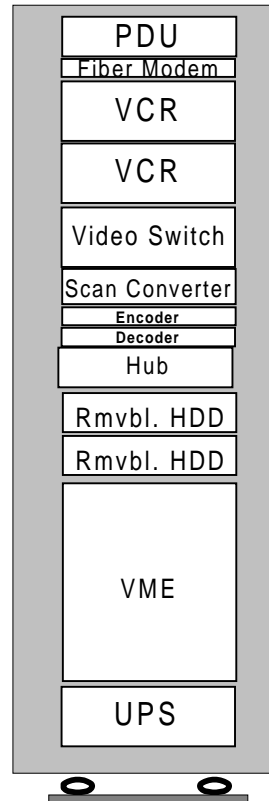


# TCS Sea Based Level 2/3

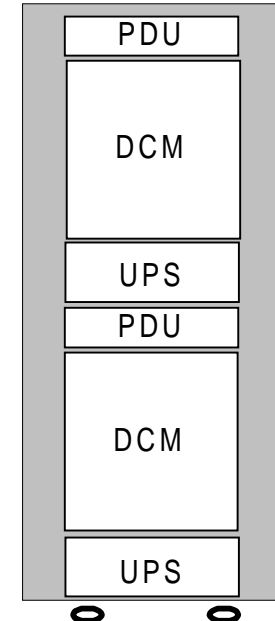
Console #1



Auxiliary Rack



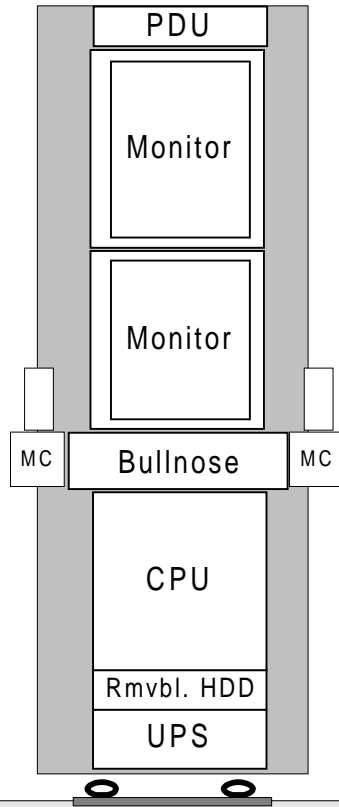
DCM



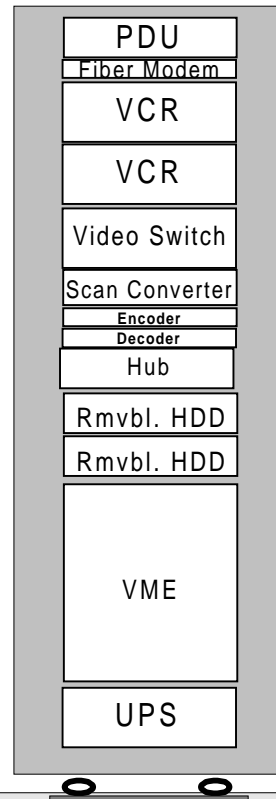


# TCS Sea Based Level 4/5

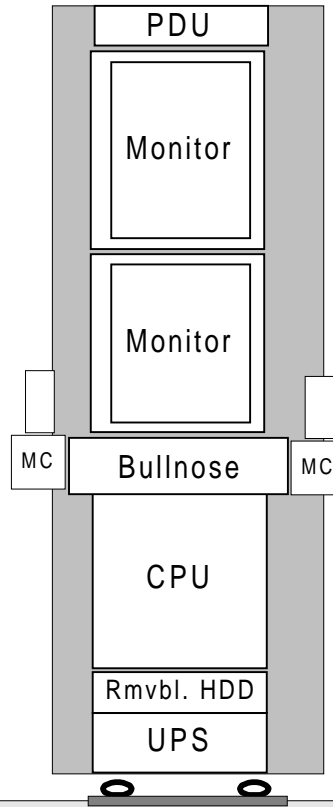
Console #1



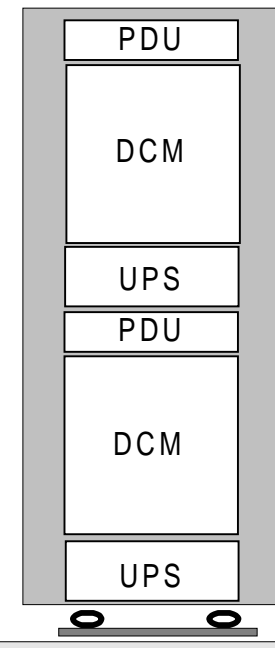
Auxiliary Rack



Console #2



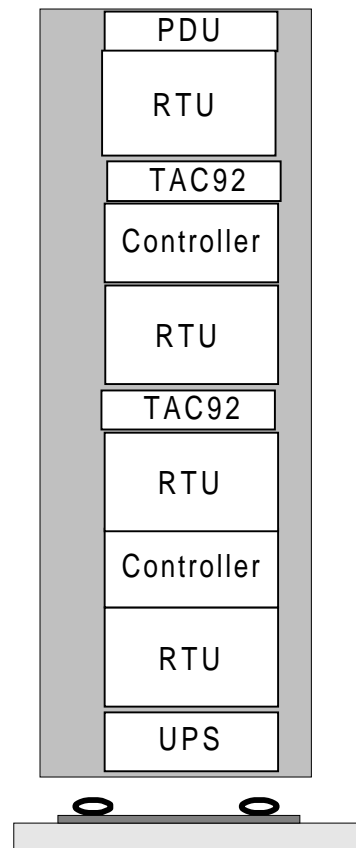
DCM





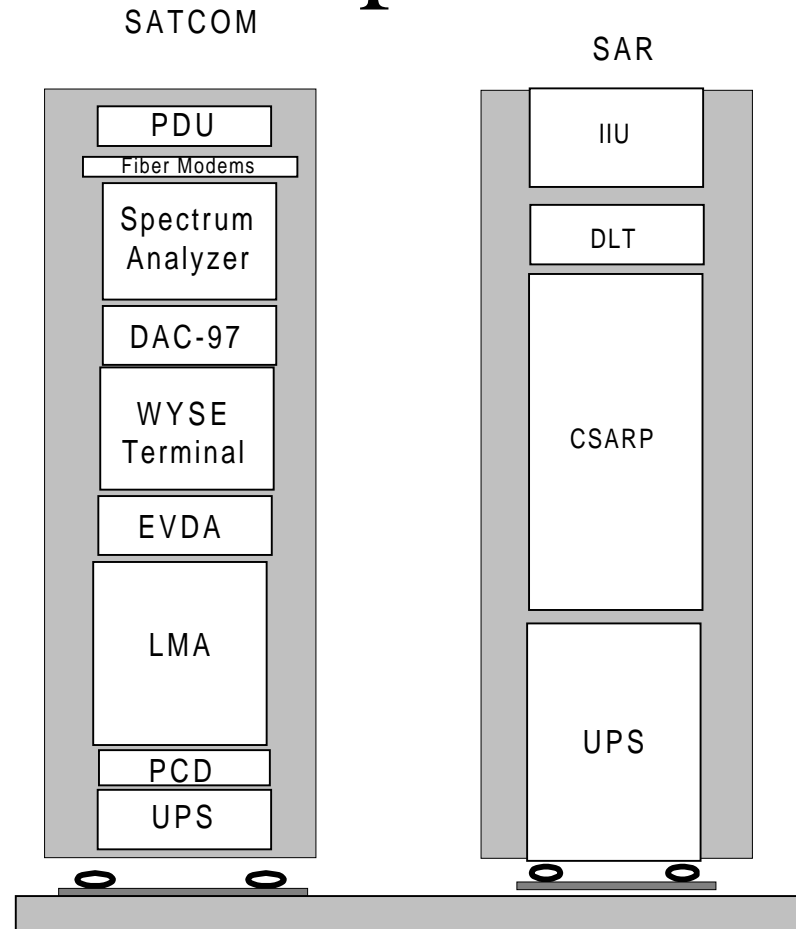
# TCS Sea Based Data Terminals

LOS





# TCS Payload and Data Link Options





# TCS Sea Based Interfaces

- External
  - Navigation Systems
  - Ships Communication Systems
  - Data Links



# TCS Sea Based COTS/NDI

	COTS	NDI
Non-Real Time Computer		X
Video Support	X	
SAR Processor		X
Printer	X	
Communication Equipment	X	X
Uninterruptible Power Supply		X



# TCS Sea Based Physical Data

Description	Qty.	Weight (lbs) Unit	Amps Unit	Volts Unit	Watts Unit
Operator Console	1	808	7.4	116.9	865.06
Operator Console	1	808	7.4	116.9	865.06
Auxiliary Rack	1	574	3.64	114.3	416.052
DCM Rack	1	462	10.1	115	1161.5
Data Terminal #1	1	514			
Data Terminal #2	1	484			
SAR Rack	1	711	UI	208	UI



# TCS Sea Based Environmental Data

Description	Qty.	Operating Temperature Range		Humidity	EMI
		Low	High		
Operator Console	2	5.00	50.00	90.00	Mil-STD-461D
Auxiliary Rack	1	5.00	40.00	90.00	UI
DCM Rack	1	0.00	50.00	90.00	UI
SAR Rack	1	0.00	50.00	90.00	UI
Data Terminal #1	1	0.00	40.00	90.00	UI
Data Terminal #2	1	0.00	50.00	90.00	UI
Totals		5.00	40.00	90.00	